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OF THE
PROVINCIAL TREASURER

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See page 13

March 1950

PUBLISHED BY AUTHORITY OF THE HON. LESLIE M. FROST, K.C., PRIME MINISTER AND PROVINCIAL TREASURER

VOL. II No. 1

Ontario
STATISTICAL LETTER
(Series B)

The "Ontario Statistical Letter" will henceforth be issued in two series, A and B. Series A will contain surveys of the Ontario economy covering a considerable period of time, and will be issued from time to time. Series B will contain a comparison of the latest available statistics pertaining to Ontario, with those of several previous years, and will probably be issued monthly. The figures will be obtained from issues of various Dominion Bureau of Statistics pamphlets.

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GROWTH OF THE MANUFACTURING INDUSTRIES OF ONTARIO; 1938, 1947, 1948

Summary

1. In 1948,(1) a record high in gross and net values of products ($5.7 billion and $2.5 billion, respectively), number of establishments, amount of salaries and wages paid, costs of materials, fuel and electricity, was reached in Ontario. However, the number of employees was slightly below the 1943 and 1944 records. (p. 2, 3).

2. Gross value of products in 1948, by main groups of industries, showed very great increases in all groups over 1938 and substantial gains in all groups over 1947. The greatest increase over the ten year period, of over $1.1 billion, occurred in iron and products. (p. 4, 5).

3. There were considerable changes in the ranking of Ontario's leading industries between 1938 and 1948. The automobile industry advanced from second place in 1938 to first in 1948, electrical apparatus and supplies from fourth to second, pulp and paper from sixth to third leading industry. Non-ferrous metal smelting and refining fell from first place in 1938 to fifth in 1948. (p. 6).

4. In the automobile industry, gross value of products increased from $110 million in 1938 to $390 million in 1948, an increase of over 250%. The increase for 1948 over 1947 was $55 million (16%). Gross value of products in the electrical apparatus and supplies industry increased from $68 million in 1938 to $320 million in 1948, a 370% increase. The pulp and paper industry saw an increase of $211 million (350%) in gross value of products over the ten year period and $44 million (19%) in 1948 over the previous year. Gross value of products in non-ferrous metal smelting and refining increased by $70 million (42%) from 1938 to 1948 and by $44 million (23%) between 1947 and 1948. (p. 6, 7).

5. In spite of the large increases in dollar value of products in all industries from 1938 to 1948, Ontario's percentage of the overall Canadian totals dropped to some extent over the period. Ontario's percentage of the Canadian totals was also, in most cases, smaller in 1948 than in 1938 when comparisons were made by industrial groups and by leading industries. (p. 8-13).

(1) The latest year for which Ontario manufacturing statistics on a basis comparable to the Canadian ones are available.

Comparison, All Industries, Ontario, 1948, 1947, 1938

The latest statistics available on the manufacturing industries of Ontario(1) show that in 1948 a record high in value of products, number of establishments, amount of salaries and wages paid, cost of materials and cost of fuel and electricity was reached. Only in the number of employees had greater totals been reached in previous years.

A comparison of the 1948 figures with those for 1947 and 1938 shows the considerable increases that occurred in all aspects of manufacturing over the previous year and the huge increases that occurred over the ten year period from 1938 to 1948.

The new record in 1948 in gross value of products which totalled over $5.7 billion, was $0.8 billion (17%) higher than the previous high of $4.9 billion reached in 1947, and $4 billion (235%) higher than the $1.7 billion of 1938.

Net value of products(2) at $2.5 billion was $351 million (16%) higher than the $2.1 billion value of 1947, and $1.7 billion (228%) higher than the 1938 figure of $758 million.

(The great increase in the value of products during the year stems only in small part from an increase in the physical volume of production. No index of the volume of industrial production for Ontario alone is available, but a comparison of the 1948 and 1947 indexes for Canada should give a fairly satisfactory indication of the changes in the volume of production during the year for Ontario as well. The 1948 Canadian index at 181.5(3) was 6.0 above the 1947 index of 175.5. Since the Canadian index of wholesale prices of fully and chiefly manufactured goods rose by 23 points from 117.4 in 1947 to 140.3 in 1948 and the index of raw and partly manufactured goods by 25.5 points from 130.7 to 156.2, most of the increase in the value of products must have resulted from increases in the wholesale prices of these products, and not from increased volume of production.

From 1938 to 1948, the Canadian volume of industrial production increased by 79.4 points, from 102.1 to 181.5. In the same period, the Canadian index of wholesale prices of fully and chief manufactured goods increased by 62.1 points, from 78.2 to 140.3, while the index of raw and partly manufactured goods increased by 83.5 points, from 72.7 to 156.2).

The cost of materials at $3.1 billion was up $466 million (17½%) over the 1947 figure of $2.6 billion and $2.2 billion (243%) over the 1938 figure of $910 million.

The $138 million spent on fuel and electricity in the manufacturing industries was an increase of $22 million (19%) over the 1947 cost of $116 million and a more than 200% increase over the 1938 figure of $45 million.

The 12,127 establishments in 1948 represented an increase of 267 (2%) over the 11,860 establishments in 1947, and an increase of 2,244 (23%) over the 1938 figure of 9,883.

The number of employees in the manufacturing industries of Ontario at 552,000 were 14,000 (2½%) over the 1947 figure of 538,000 and 240,000 (77%) over the 1938 figure of 311,000. However, in spite of the increase during the year, the 1948 figure was 18,000 (3%) below the record high number of 570,000 employed in 1943.(1)

The $1.2 billion paid in salaries and wages was a $173 million (16½%) increase over the previous high of $1 billion reached in 1947 and $848,000,000 (234%) over the 1938 figure of $362,000,000.

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(1) Dominion Bureau of Statistics, "The Manufacturing Industries of Canada, by Provinces, 1948", December 1950; p. 59-71.

(2) Computed by subtracting the cost of materials, fuel and electricity from the gross value of products.

(3) Dominion Bureau of Statistics, "Canadian Statistical Review", December 1950.

COST OF MATERIALS, FUEL AND ELECTRICITY; NET AND GROSS VALUE OF PRODUCTS; IN ALL INDUSTRIES, ONTARIO, 1938, 1947, 1948

	Cost of Materials	+	Cost of Fuel and Electricity	+	Net Value of Products	=	Gross Value of Products
1938	$ 909,958,721		$ 44,917,068		$ 757,620,632		$ 1,712,496,421
1947	$ 2,651,697,573		$ 115,760,769		$ 2,136,014,184		$ 4,903,472,526
1948	$ 3,118,084,345		$ 138,188,519		$ 2,486,867,987		$ 5,743,140,851
Gain 1948 over 1947	$ 466,386,772		$ 22,427,750		$ 350,853,803		$ 839,668,325
% gain 1948 over 1947	17.6%		19.4%		16.4%		17.1%
Gain 1948 over 1938	$ 2,208,125,624		$ 93,271,451		$ 1,729,247,355		$ 4,030,644,430
% gain 1948 over 1938	242.7%		207.7%		228.3%		235.4%

NUMBER OF ESTABLISHMENTS, EMPLOYEES; SALARIES AND WAGES: IN ALL INDUSTRIES, ONTARIO, 1938, 1947, 1948

	Number of Establishments	Number of Employees	Salaries and Wages
1938	9,883	311,274	$ 362,351,277
1947	11,860	537,581	$ 1,037,976,714
1948	12,127	551,658	$ 1,210,640,212
Gain 1948 over 1947	267	14,077	$ 172,663,498
% gain 1948 over 1947	2.3%	2.6%	16.6%
Gain 1948 over 1938	2,244	240,384	$ 848,288,935
% gain 1948 over 1938	22.7%	77.2%	234.1%

Comparison, Main Groups of Industries, Ontario, 1948, 1947, 1938

There has been no change in the relative position of the main groups of industries between 1947 and 1948 (based on gross value of products figures).

However, there have been increases in both gross and net value of products in all groups for 1948 over 1947. The greatest increase in gross value of products was in iron and its products, with an increase of $269 million (22%) in the gross value of products for the year. Other important increases were $124 million (20½%) in non-ferrous metal products, $116 million (17%) in wood and paper products, $67 million (25%) in non-metallic mineral products and $73 million (29%) in chemicals and products. The smallest increase, $37 million (4%), occurred in vegetable products.

A comparison of the 1948 figures with the 1938 ones show that very great increases occurred in all groups over the ten year period. The greatest increase in gross value of products, of nearly $1,150 million, a more than three-fold one, was in iron and products. Wood and paper products with an increase of $583 million over 1938 and chemicals and products with an increase of $240 million both showed increases of close to 300%.

With two exceptions, the relative position of all groups in gross value of products was the same for the three years covered. Wood and paper products which ranked third in gross value of products in 1948 and 1947, ranked fourth in 1938; and non-ferrous metal products which ranked third in 1938 slipped behind wood and paper products to fourth place in 1947 and 1948.

The figures for net value of products followed fairly closely the pattern established for gross value of products.

In cost of materials, chemical and products showed the greatest percentage increase (45%) for 1948 over 1947, followed closely by non-metallic mineral products (35%). The greatest increase in actual value ($126 million) occured in iron and products for an increase of 20%. The smallest percentage increases, 3% and 4%, were in miscellaneous industries, and vegetable products, respectively. There were very large increases in costs of materials, both in actual values and in percentages for 1948 over 1938. The greatest value increase ($563 million) occurred in iron and products, for a 300% increase. The greatest percentage increase (400%) was in chemical and products, for a $134 million increase in cost. Non-ferrous metal products showed the lowest percentage increase (150%), though the increase in actual cost, amounting to $229 million, was substantial.

Salaries and wages for 1948 compared with 1947 showed both the greatest actual ($68 million) and percentage increase (20½%) occurring in iron and its products. Wood and paper products showed the next most important actual gain ($30 million) for a percentage increase of 17%. The smallest percentage gain was in vegetable products with a gain of 8%, for a value gain of $10 million. There were very important gains in all industrial groups for the ten year period 1938 to 1948. Again, iron and products increased the most, with a gain of $308 million (321%). Other important percentage increases (over 200%) were in miscellaneous industries, non-ferrous metal products, wood and paper products and non-metallic mineral products. Animal products showed the smallest percentage gain (150%), for an increase of $42 million The smallest dollar gain ($22 million) was in miscellaneous industries.

The greatest numerical increase over the year in the number of employees occurred in iron and products, with an increase of over 8,000 and a percentage gain of 5.3%. Vegetable products showed a decrease of over 4%. Over the ten year period iron and products had the greatest numerical increase (88,000) for a percentage increase of 116%. The smallest percentage increase (1.4%) was in the chemicals industry.

The greatest increase in the number of establishments over the year occurred in wood and paper products, with an increase of 287 for an increase of 8%. Vegetable products and chemicals showed small declines. Over the ten year period, the greatest increase was in iron and products, with an increase of 543 (69%). Animal products and vegetable products both showed declines of 8%.

GROSS AND NET VALUES OF PRODUCTS; COST OF MATERIALS; SALARIES AND WAGES; NUMBER OF EMPLOYEES AND ESTABLISHMENTS, BY GROUPS OF INDUSTRIES, ONTARIO, 1938, 1947, 1948.

GROUPS OF INDUSTRIES	1938	1947	1948	% Gain 48 Over 47	% Gain 48 Over 38	1938	1947	1948	% Gain 48 Over 47	% Gain 48 Over 38
	GROSS VALUE OF PRODUCTS (in millions of dollars)					NET VALUE OF PRODUCTS (in millions of dollars)				
Iron & products	$369.2	$1,244.1	$1,512.8	21.6%	310%	$173.6	$592.0	$727.3	22.9%	319%
Vegetable products	331.1	903.3	940.1	4.1	184	142.2	343.0	357.6	4.3	152
Wood & paper prod.	211.1	678.4	794.4	17.1	276	114.6	353.3	412.8	16.8	260
Non-ferr's metal	275.1	603.5	727.8	20.6	165	114.6	262.4	327.7	24.9	186
Animal products	193.5	480.4	567.0	18.0	193	49.6	117.5	123.2	4.9	149
Textiles & prod.	139.0	398.7	459.5	15.3	231	66.0	187.2	216.9	15.9	229
Non-metal min.prod.	86.3	262.3	328.9	25.4	281	37.1	107.7	123.1	14.3	232
Chemicals & prod.	82.2	250.2	322.7	29.0	293	45.8	124.6	143.5	15.1	214
Miscellaneous	25.0	82.6	90.0	9.0	260	14.3	48.3	54.7	13.2	283
Total	$1,712.5	$4,903.5	$5,743.1	17.1%	235%	$757.6	$2,136.0	$2,486.9	16.4%	228%
	COST OF MATERIALS (in millions of dollars)					SALARIES AND WAGES (in millions of dollars)				
Iron & products	$186.9	$623.3	$749.5	20.2%	301%	96.0	$335.4	$403.8	20.4%	321%
Vegetable products	183.9	548.5	569.2	3.7	210	52.0	125.4	135.6	8.1	161
Wood & paper prod.	88.2	305.0	357.7	17.3	306	65.9	176.5	206.7	17.1	214
Non-ferr's metal	152.2	325.2	381.5	17.3	151	37.7	122.3	144.7	18.3	284
Animal products	141.4	357.4	437.5	22.4	209	28.1	63.6	70.3	10.5	150
Textiles & prod.	70.5	206.7	237.2	14.8	236	43.2	105.3	122.4	16.2	183
Non-metal min.prod.	42.8	136.3	183.2	34.4	328	16.1	41.5	49.8	20.0	209
Chemicals & prod.	33.7	116.0	168.0	44.8	399	16.1	41.5	47.8	15.2	197
Miscellaneous	10.3	33.4	34.3	2.7	233	7.2	26.5	29.4	10.9	308
Total	$910.0	$2,651.7	$3,118.1	17.6%	243%	$362.4	$1,038.0	$1,210.6	16.6%	234%
	EMPLOYEES (actual numbers)					ESTABLISHMENTS (actual numbers)				
Iron & products	75,342	154,698	162,969	5.3%	116%	787	1,298	1,330	2.5%	69%
Vegetable products	48,225	72,316	69,331	- 4.1	44	2,690	2,523	2,487	- 1.4	- 8
Wood & paper prod.	54,493	92,756	96,130	3.6	76	2,583	3,567	3,854	8.0	49
Non-ferr's metal	28,885	60,230	62,393	3.6	116	343	487	501	2.9	46
Animal products	26,122	35,426	35,283	- 0.4	35	1,528	1,463	1,402	4.2	- 8
Textiles & prod.	47,768	66,021	68,356	3.5	43	785	1,122	1,132	0.9	44
Non-metal min.prod.	12,221	20,062	21,159	5.5	73	452	453	478	5.5	6
Chemicals & prod.	11,418	20,259	20,538	1.4	80	412	530	523	- 1.3	27
Miscellaneous	6,800	15,813	15,499	- 2.0	128	303	417	420	0.7	39
Total	311,274	537,581	551,658	2.6%	77%	9,883	11,860	12,127	2.3%	23%

NOTE: Figures may not add to totals, because of rounding.

The Leading Industries in Ontario

In the ten year period from 1938 to 1948, there were considerable changes in the ranking of the leading industries in Ontario. The automobile industry rose from second place in 1938 to first in 1947 and 1948; while non-ferrous metal smelting and refining fell from first place in 1938 to fourth in 1947 and to fifth in 1948. Electrical apparatus and supplies advanced to second rank in 1947 and 1948, from fourth rank in 1938. Pulp and paper, which had been in the sixth position in 1938, was in third position in 1947 and 1948.

The automobile industry, Ontario's leading industry in 1948, had a gross value of products of $390 million (a 16% increase over 1947 and a 254% increase over 1938), and net value of products of over $140 million (a 29% increase over 1947 and 279% over 1938). The automobile industry also led in Ontario in 1947, with gross value of products of $335 million. Its 1938 gross value of $110 million, however, placed it second in that year.

In 1948, the electrical apparatus and supplies industry (a branch of the non-ferrous metal products group) was the second leading industry in Ontario, with gross value of products of $320 million, ($70 million less than in automobiles). This was an increase of $52 million (19½%) over the 1947 figure of $268 million. Net value of products at $182 million showed a 25% increase over 1947. In 1938, this industry ranked fourth in Ontario, with a gross value of products of $68 million. The increase in gross value over the ten year period was then $252 million (370%), and in net value, $142 million (352%).

Pulp and paper was Ontario's third leading industry in both 1947 and 1948. The 1948 gross value of products was $272 million, an increase of $44 million, (19½%) over the 1947 figure of $228 million. In 1938, this industry ranked sixth, with gross value of products of $61 million and net value of $30 million. The ten year increase in gross value amounted to $211 million (nearly 350%), and in net value, $105 million (350%).

Non-ferrous metal smelting and refining (of the non-ferrous metal products group), the leading industry in Ontario in 1938, had fallen to fourth place in 1947 and to fifth place in 1948. However, the 1948 gross value of products at $236 million was a 23% gain over 1947 and a 42% gain over 1938. (This was by far the smallest increase made by any industry over the ten year period). Net value of products at $77 million in 1948 gained 33% over 1947 and 36% over 1938.

Materials cost more in 1948 than in 1947 in all industries, except one. Slaughtering and meat packing had the greatest percentage increase (39%) in cost of materials while in flour and feed mills, the cost of materials dropped by 2%. In most industries there were very great increases over the ten year period 1938 to 1948. Electrical apparatus and supplies had the greatest percentage increase - 739%; automobiles had the greatest dollar increase - $174 million (241%). The smallest increase, 42%, occurred over this period in the non-ferrous metal industry.

Salaries and wages paid in 1948 were lower than in 1947 in only one of the ten leading industries - flour and feed mills, where a decline of $ .8 million (10%) occurred. The greatest dollar increase was in the electrical apparatus industry, with an increase of $14 million (20%). From 1938 to 1948, there were very great increases in all industries, the greatest, both in value and in percentage, being in electrical apparatus, with an increase of $67 million (367%).

The number of employees increased somewhat in seven of the ten leading industries, for 1948 over 1947, but dropped considerably in flour and feed mills (17%) and by smaller amounts in rubber goods (7%) and machinery (.6%). Over the ten year period, there were increases ranging from a high of 22,000 (149%) in electrical apparatus, to a low of 500 (17%) in flour and feed mills.

1948 compared with 1947 saw decreases in the number of establishments in four of the ten leading industries, but even in the industry with the greatest decline in actual numbers (flour and feed mills), this was only 19 (5%). Over the ten year period, from 1938 to 1948, the greatest increase (56%) was in electrical apparatus, with 76 new establishments. There were declines in slaughtering and meat packing (11%), rubber goods (9%), and flour and feed mills (5%).

GROSS AND NET VALUES OF PRODUCTS; COST OF MATERIALS; SALARIES; NUMBER OF EMPLOYEES AND ESTABLISHMENTS, 10 LEADING INDUSTRIES IN ONTARIO, 1938, 1947, 1948

		Year					Year			
INDUSTRIES	1938	1947	1948	% Inc. 48 Over 47	% Inc. 48 Over 38	1938	1947	1948	% Inc. 48 Over 47	% Inc. 48 Over 38
	GROSS VALUE OF PRODUCTS					NET VALUE OF PRODUCTS				
	(in millions of dollars)					(in millions of dollars)				
Automobiles	$ 110.2	$ 334.9	$ 389.9	16.4%	254%	$ 37.4	$ 109.8	$ 141.6	29.0%	279%
Electrical apparatus	68.2	267.9	320.3	19.6	370	40.3	146.0	182.3	24.9	352
Pulp & paper	60.9	227.7	271.8	19.4	346	30.0	115.5	135.1	17.0	350
Slaughter'g & meat pkg.	79.2	186.5	250.4	34.3	216	12.5	27.8	30.4	9.4	143
Non-ferrous metal	166.0	192.0	235.9	22.9	42	56.3	57.6	76.7	33.2	36
Prim'y iron & steel	38.1	164.8	214.4	30.1	463	19.4	67.3	92.6	37.6	377
Flour & feed mills	66.8	175.4	172.1	-1.9	158	13.0	20.4	20.3	-0.5	56
Rubber goods	49.4	162.8	158.4	-2.7	221	28.5	91.8	86.6	-5.7	204
Machinery	32.7	130.1	146.3	12.5	347	19.8	81.7	89.3	9.3	351
Petroleum prod.	29.4	111.9	141.3	26.3	381	3.7	28.8	27.2	-5.6	635
	COST OF MATERIALS					SALARIES AND WAGES				
	(in millions of dollars)					(in millions of dollars)				
Automobiles	$ 72.0	$ 222.8	$ 245.7	10.3%	241%	$ 19.8	$ 57.4	$ 67.2	17.1%	239%
Electrical apparatus	27.1	119.2	135.0	13.3	739	18.2	70.7	84.9	20.1	367
Pulp & paper	24.6	96.5	118.0	22.3	380	14.3	44.2	51.8	17.2	262
Slaughter'g & meat pkg.	66.1	157.5	218.7	38.9	231	7.1	16.7	19.2	15.0	170
Non-ferrous metal	103.0	123.4	146.2	18.5	42	10.0	16.8	21.2	26.2	112
Prim'y iron & steel	15.4	83.2	103.3	24.2	571	11.8	42.7	53.7	25.8	355
Flour & feed mills	53.2	153.8	150.7	-2.0	183	3.2	7.8	7.0	-10.3	119
Rubber goods	19.9	68.9	69.5	0.9	249	11.0	35.7	37.1	3.9	237
Machinery	12.6	47.2	55.7	18.0	342	9.1	36.4	40.9	12.4	350
Petroleum prod.	24.1	77.4	106.5	37.6	342	3.4	8.1	10.1	24.7	197
	EMPLOYEES					ESTABLISHMENTS				
	(actual number)					(actual number)				
Automobiles	14,008	23,281	24,097	3.5%	72%	7	6	8	33.3%	14%
Electrical apparatus	14,908	35,518	37,160	4.6	149	136	198	212	7.1	56
Pulp & paper	9,637	16,927	17,674	4.4	83	37	45	46	2.2	24
Slaughter'g & meat pkg.	5,145	7,661	7,842	2.4	52	65	64	58	-9.4	-11
Non-ferrous metal	6,146	7,192	7,742	7.6	26	7	7	7	0.0	0
Prim'y iron & steel	7,960	17,658	19,395	9.8	144	25	26	26	0.0	4
Flour & feed mills	3,189	4,515	3,736	-17.3	17	644	629	610	-3.0	-5
Rubber goods	9,252	16,795	15,664	-6.7	69	34	33	31	-6.0	-9
Machinery	7,197	17,417	17,307	-0.6	141	146	202	207	2.5	42
Petroleum prod.	2,019	3,454	3,923	13.6	94	13	15	14	-6.7	8

Ontario's Position in Canadian Manufacturing

Along with the record high values of production achieved in Ontario in 1948, the province's percentage of the Canadian totals increased fractionally in a majority of aspects as compared with 1947, but is down to some extent when a comparison with the 1938 figures is made, in spite of the very great increase in the actual totals in 1948 over 1938.

Ontario's percentage of the gross value of products dropped slightly for 1948 compared with 1947. At $5.7 billion, it was 48.4% of the Canadian gross value of $11.9 billion, as compared with 48.6% in 1947 and 51.3% in 1938.

The net value of products in 1948 at $2.5 billion, was up by ½% over 1947, being 50.3% of the Canadian net value of $4.9 billion, as compared with 49.8% of the 1947 Canadian total of $4.3 billion, and 53.0% in 1938.

The $3.1 billion paid out for materials in 1948 was 47% of the Canadian total of $6.6 billion. This was a 1% drop over 1947 and a decrease of more than 3% over 1938. The corresponding figures for these years were 47.9%, and 50.3%, respectively.

In spite of the great increase in the actual amount spent on fuel and electricity over the ten year period, Ontario's percentage of the Canadian total increased by less than 1½%. 45.5% of the total Canadian cost of fuel and electricity of over $300 million was paid out in Ontario in 1948. The same percentage was accounted for by Ontario in 1947, and 44.1% in 1938.

In 1948, Ontario's percentage of the total number of establishments in Canada increased very slightly over 1947, but showed a considerable drop as compared with 1938. The 12,127 Ontario establishments in 1948 were 36.3% of the 33,447 in all Canada, as compared with 36.2% in 1947 and 39.2% in 1938.

For 1948, the pattern of a slight increase over 1947 and a considerable decrease over 1938 in Ontario's share of the country's total also holds true for the number of employees. 47.7% of the 1,156,000 Canadian employees in 1948 worked in Ontario, as compared with 47.5% in 1947 and 48.5% in 1938.

Salaries and wages of $1.2 billion paid in 1948 were 50.2% of the Canadian total of $2.4 billion, as compared with 49.8% in 1947 and 51.4% in 1938.

COMPARISON, CANADA AND ONTARIO MANUFACTURING, 1938, 1947 and 1948
(millions of dollars for values; thousands of employees; actual no. of establishments)

	1938			1947			1948		
	CANADA	ONTARIO	ONT. as % of CANADA	CANADA	ONTARIO	ONT. as % of CANADA	CANADA	ONTARIO	ONT. as % of CANADA
Gross Value of Production	$ 3,337.7	$ 1,712.5	51.3%	$10,081.0	$ 4,903.5	48.6%	$11,876.8	$5,743.1	48.4%
Net Value of Production	$ 1,428.3	$ 757.6	53.0%	$ 4,292.1	$ 2,136.0	49.8%	$ 4,940.4	$2,486.9	50.3%
Cost of Materials	$ 1,807.5	$ 910.0	50.3%	$ 5,534.3	$ 2,651.7	47.9%	$ 6,632.9	$3,118.1	47.0%
Cost of Fuel & Electricity	$ 101.9	$ 44.9	44.1%	$ 254.7	$ 115.8	45.5%	$ 303.5	$ 138.2	45.5%
Salaries & Wages	$ 705.7	$ 362.4	51.4%	$ 2,085.9	$ 1,038.0	49.8%	$ 2,409.8	$1,210.6	50.2%
No. of Employees	642.0	311.3	48.5%	1,131.8	537.6	47.5%	1,156.0	551.7	47.7%
Establishments	25,200	9,883	39.2%	32,734	11,860	36.2%	33,447	12,127	36.3%

Ontario's Position, By Groups of Industries, In the Canadian Economy

Over the ten year period from 1938 to 1948, there was a considerable drop in Ontario's percentage of the total Canadian production in many of the leading industrial groups, in spite of the very great increases in gross and net values of products, salaries and wages paid, and number of employees.

1948 compared with 1947, in respect to gross and net values of products, showed, with several exceptions, fractional,and occasionally somewhat larger, declines in Ontario's percentage of the Canadian total. In salaries and wages, and in number of employees, Ontario's percentage of the total was up slightly in about half the groups, and down slightly in the other half.

Over the ten year period, animal products, non-ferrous metal products and wood and paper products, three of the largest groups, were the ones in which Ontario lost the most ground percentage wise in the total gross value of products in Canada. The declines were 7½%, 6% and 4% respectively. Miscellaneous industries showed an increase of 8% in Ontario's share of the national total, while, in non-metallic mineral products, an increase of nearly 2% occurred.

There was relatively little change in Ontario's share of the gross value of products in the various groups between 1947 and 1948. Animal products showed the greatest percentage decline, nearly 2%. In wood and paper products, and miscellaneous industries, Ontario's percentage of the total increased by slightly more than 1%.

Ontario's most serious declines in the Canadian totals of net value of products over the ten year period were in animal products, wood and paper products, and textiles and products. Except for textiles, these were also industries in which Ontario lost much ground in gross value of products. Non-metallic mineral products showed an advance in Ontario's position of 3½%. In miscellaneous industries, Ontario's share of the Canadian net value of products was 8½% more in 1948 than in 1938.

Vegetable products showed the greatest decline (1½%) in Ontario's position for 1948 as compared with 1947. The greatest increases were in iron and products, and miscellaneous industries (1.7%).

As regards the number of employees, Ontario in 1948 had a somewhat smaller percentage of the Canadian total in every industry, except the miscellaneous classification, as compared with 1938. The heaviest decrease was one of nearly 5% in animal products, followed by one of nearly 4% in textiles and products. Miscellaneous industries, with the smallest number of employees, showed an increase of nearly 10% over the ten year period.

1948 compared with 1947 showed no significant change in Ontario's proportion of the number of employees in Canada. The most important increase was one of over 1½% in iron and products.

As could be expected from the changes in Ontario's percentage of the number of employees in Canada in the various groups of industries, the largest decreases in the province's share of salaries and wages over the ten year period occurred in animal products, and textiles and products and the only increase was in miscellaneous industries. The percentage decreases occurring in salaries and wages followed the same general pattern as in the number of employees.

The greatest increase (nearly 2%) in Ontario's share of salaries and wages for 1948 over 1947 was in iron and products. Vegetable products and animal products each showed Ontario's position declining slightly (.7%). There was little change in the other industrial groups.

GROSS AND NET VALUES OF PRODUCTS; AMOUNT OF SALARIES, WAGES; NUMBER OF EMPLOYEES; BY GROUPS OF INDUSTRIES, CANADA AND ONTARIO; 1938, 1947, 1948

	GROSS VALUE OF PRODUCTS			NET VALUE OF PRODUCTS			SALARIES AND WAGES			EMPLOYEES		
	(Mill. of $) Can.	Ont.	Ont as % of Can	(Mill. of $) Can.	Ont.	Ont as % of Can	(Mill. of $) Can.	Ont.	Ont as % of Can	(Thousands) Can.	Ont.	Ont as % of Can
					1938							
Vegetable products	$ 648.2	$ 331.1	51.1%	$ 267.5	$ 142.2	53.2%	$ 98.8	$ 52.0	52.6%	95.5	48.2	50.5%
Animal products	442.2	193.5	43.8	119.0	49.6	41.7	64.8	28.1	43.4	66.7	26.1	39.1
Textiles and products	346.2	139.0	40.2	160.0	66.0	41.3	99.3	43.2	43.5	115.7	47.8	41.3
Wood & paper products	533.2	211.1	39.6	277.0	114.6	41.4	158.9	65.9	41.5	142.0	54.5	38.4
Iron & products	548.8	369.2	67.3	261.6	173.6	66.4	154.5	96.0	62.1	121.2	75.3	62.1
Non-ferr's metal prod.	434.7	275.1	63.3	164.7	114.6	69.6	58.0	37.7	65.0	44.4	28.9	65.1
Non-metal. min'l. prod.	197.6	86.3	43.7	75.0	37.1	49.5	29.8	16.1	54.0	22.8	12.2	53.5
Chemicals & products	146.1	82.2	56.3	80.5	45.8	56.9	29.6	16.1	54.4	21.9	11.4	52.1
Miscellaneous	40.6	25.0	61.6	23.1	14.3	61.9	12.2	7.2	59.0	11.7	6.8	58.1
	$3,337.7	1,712.5	51.3%	1,428.3	757.6	53.0%	705.7	362.4	51.4%	642.0	311.3	48.5%
					1947							
Vegetable products	$ 1,782.3	$ 903.3	50.7%	$ 654.9	$ 343.0	52.4%	$ 241.2	$ 125.4	52.0%	$ 144.3	$ 72.3	50.1%
Animal products	1,259.2	480.4	38.2	316.7	117.5	37.1	166.2	63.6	38.3	102.1	35.4	34.7
Textiles & products	1,062.0	398.7	37.5	489.0	187.2	38.3	268.1	105.3	39.3	176.1	66.0	37.5
Wood & paper products	1,954.3	678.4	34.7	991.8	353.3	35.6	460.4	176.5	38.3	248.5	92.8	37.3
Iron & products	1,854.9	1,244.1	67.1	939.2	592.0	63.0	560.0	335.4	59.9	263.5	154.7	58.7
Non-ferr's metal prod.	1,034.6	603.5	58.3	402.0	262.4	65.3	194.9	122.3	62.8	96.1	60.2	62.6
Non-metal. min'l. prod.	563.1	262.3	46.6	199.4	107.7	54.0	79.1	41.5	52.5	39.2	20.1	51.3
Chemicals & products	450.0	250.2	55.6	228.8	124.6	54.5	77.5	41.5	53.5	38.5	20.3	52.7
Miscellaneous	120.6	82.6	68.5	70.3	48.3	68.7	38.5	26.5	68.8	23.6	15.8	66.9
	$10,081.0	4,903.5	48.6%	4,292.1	2,136.0	49.8%	2,085.9	1,038.0	49.8%	1,131.8	537.6	47.5%
					1948							
Vegetable products	$ 1,903.0	$ 940.1	49.4%	$ 702.7	$ 357.6	50.9%	$ 264.4	$ 135.6	51.3%	$ 140.8	$ 69.3	49.2%
Animal products	1,562.4	567.0	36.3	342.9	123.2	35.9	186.8	70.3	37.6	102.8	35.3	34.3
Textiles & products	1,238.1	459.5	37.1	578.6	216.9	37.5	315.3	122.4	38.8	182.4	68.4	37.5
Wood & paper products	2,216.0	794.4	35.8	1,124.4	412.8	36.7	534.7	206.7	38.7	256.9	96.1	37.4
Iron & products	2,253.8	1,512.8	67.1	1,123.7	727.3	64.7	653.0	403.8	61.8	269.8	163.0	60.4
Non-ferr's metal prod.	1,270.3	727.8	57.3	489.6	327.7	66.9	230.9	144.7	62.7	99.9	62.4	62.5
Non-metal. min'l. prod.	724.1	328.9	45.4	232.0	123.1	53.1	93.6	49.8	53.2	41.0	21.2	51.7
Chemicals & products	579.8	322.7	55.7	268.8	143.5	53.4	89.3	47.8	53.5	39.5	20.5	51.9
Miscellaneous	129.3	90.0	69.6	77.7	54.7	70.4	42.0	29.4	70.0	22.9	15.5	67.7
	$11,876.8	5,743.1	48.4%	4,940.4	2,486.9	50.3%	2,409.8	1,210.6	50.2%	1,156.0	551.7	47.7%

Note: Figures may not add to totals, because of rounding.

Ontario's Position, in the Ten Leading Industries, in the Canadian Economy

The changes in Ontario's percentage of the Canadian gross value of products from 1938 to 1948 in the province's ten leading industries (as of 1948), follows no definite pattern. Slight percentage increases or decreases, none of them sufficient to change the picture materially, occur in half of them - automobiles, electrical apparatus, pulp and paper, flour and feed mills, and rubber goods. Machinery and petroleum products saw fairly large changes, but ones which were relatively unimportant in the overall picture. There were major changes in Ontario's position in slaughtering and meat packing, non-ferrous metal smelting and refining, and primary iron and steel.

There was relatively little change from 1947 to 1948 in Ontario's share of the country's gross value of products. The greatest drop in Ontario's position was one of 3% in petroleum products.

Ontario's percentage of the Canadian gross value of products in the automobile industry increased 3½% over the ten year period and declined fractionally from 1947 to 1948. From 94.4% of the total in 1938, Ontario's share rose to 98.2% in 1947, and fell to 97.9% in 1948.

In electrical apparatus, Ontario's percentage of the Canadian total in 1948 was ½% lower than in 1938, but 2% greater than in 1947. There was little change in Ontario's position in the Canadian gross value in the pulp and paper industry.

A drop of 9% occurred in Ontario's percentage of the Canadian gross value of products in slaughtering and meat packing between 1938 and 1948. 2% of this decrease occurred between 1947 and 1948.

The fall in the province's percentage of the gross value of the country's non-ferrous metal smelting and refining from 1938 to 1948 amounted to 17%. 1½% of this decrease was in the last year of this period.

The ten year period saw an increase of 12% in Ontario's percentage of the Canadian gross value in the primary iron and steel industry. A fractional decrease occurred between 1947 and 1948.

The pattern followed in gross value of products was repeated fairly closely for net value of products as well. The main difference was in petroleum products, where there was an increase of 20% in Ontario's share of the country's net value between 1938 and 1948, as compared with a 5½% increase in the province's share of the gross value of products.

In the number of employees in the various industries, no definite trend is apparent between 1938 and 1948. Out of the ten leading industries, half showed increases and half, decreases in Ontario's share of the number employed in Canada. The industry showing the greatest increase in Ontario's percentage over the period was primary iron and steel with an increase of 5%. Non-ferrous metal showed the greatest decline (8½%) in Ontario's relative position. 1948 compared with 1947 showed only minor changes in Ontario's proportion of the Canadian total in the ten leading industries. Six industries showed Ontario's percentage slightly higher.

Over the ten year period, the greatest drop (11%) in Ontario's share of the Canadian total of salaries and wages paid occurred in non-ferrous metal smelting and refining, (the industry in which Ontario's share of the Canadian total of employed dropped the most). However, wages paid in this industry increased by $11 million over the period. Primary iron and steel saw Ontario's increase from paying 64½% of the total paid in Canada in wages and salaries to 69½%, a 5% increase in Ontario's position. In slaughtering and meat packing, Ontario's percentage declined considerably (5½%). Changes in Ontario's position in the other industries were comparatively small. The shifts in Ontario's position in the various industries between 1947 and 1948 were, in most cases, of a minor nature. Electrical apparatus and non-ferrous metal smelting and refining each showed Ontario's percentage of the Canadian totals up by 1½%.

GROSS AND NET VALUES OF PRODUCTS; AMOUNT OF SALARIES, WAGES; NUMBER OF EMPLOYEES; IN ONTARIO'S 10 LEADING INDUSTRIES, CANADA AND ONTARIO; 1938, 1947, 1948

INDUSTRY	GROSS VALUE OF PRODUCTS			NET VALUE OF PRODUCTS			SALARIES AND WAGES			EMPLOYEES		
	(mill. of $) Can.	Ont.	Ont. as % of Can.	(mill. of $) Can.	Ont.	Ont. as % of Can.	(mill. of $) Can.	Ont.	Ont. as % of Can.	(thousands) Can.	Ont.	Ont. as % of Can.
						1938						
Automobiles	$ 116.7	$ 110.2	94.4%	$ 39.7	$ 37.4	94.2%	$ 21.0	$ 19.8	94.3%	14.9	14.0	94.0%
Electrical app.	90.1	68.2	75.7	53.0	40.3	76.0	25.0	18.2	72.8	20.4	14.9	73.0
Pulp & paper	183.9	60.9	33.1	89.0	30.0	33.7	42.6	14.3	33.6	30.9	9.6	31.1
Slaught'g & meat pkg.	175.8	79.2	45.1	30.9	12.5	40.5	16.6	7.1	42.8	12.5	5.1	40.8
Non-ferrous metal	287.3	166.0	57.8	87.1	56.3	64.6	19.5	10.0	51.3	12.8	6.1	47.7
Primary iron & steel	59.6	38.1	63.9	29.3	19.4	66.2	18.3	11.8	64.5	13.1	8.0	61.1
Flour & feed mills	122.6	66.8	54.5	22.0	13.0	59.1	6.2	3.2	51.6	5.8	3.2	55.2
Rubber goods	61.0	49.4	81.0	35.5	28.5	80.3	14.1	11.0	78.0	12.9	9.3	72.1
Machinery	48.3	32.7	67.7	29.7	19.8	66.7	14.6	9.1	62.3	11.6	7.2	62.1
Petroleum prod.	97.0	29.4	30.3	15.9	3.7	23.3	7.9	3.4	43.0	4.7	2.0	42.6
						1947						
Automobiles	$ 340.9	$ 334.9	98.2%	$ 111.7	$ 109.8	98.3%	$ 58.4	$ 57.4	98.3%	23.8	23.3	97.9%
Electrical app.	366.5	267.9	73.1	200.9	146.0	72.7	103.9	70.7	68.0	52.7	35.5	67.4
Pulp & paper	707.0	227.7	32.2	356.1	115.5	32.4	129.5	44.2	34.1	49.9	16.9	33.9
Slaught'g & meat pkg.	486.9	186.5	38.3	77.1	27.8	36.1	44.6	16.7	37.4	21.7	7.7	35.5
Non-ferrous metal	453.0	192.0	42.4	115.8	57.6	49.7	40.8	16.8	41.2	17.4	7.2	41.4
Primary iron & steel	216.3	164.8	76.2	92.9	67.3	72.4	60.3	42.7	70.8	26.9	17.7	65.8
Flour & feed mills	324.2	175.4	54.1	41.0	20.4	49.8	14.8	7.8	52.7	8.3	4.5	54.2
Rubber goods	196.3	162.8	82.9	110.7	91.8	82.9	46.6	35.6	76.6	23.5	16.8	71.5
Machinery	200.9	130.1	64.8	124.6	81.7	65.6	62.0	36.4	58.7	29.9	17.4	58.2
Petroleum prod.	288.5	111.9	38.8	58.3	28.8	49.4	17.9	8.1	45.3	7.8	3.5	44.9
						1948						
Automobiles	$ 398.1	$ 389.9	97.9%	$ 145.6	$ 141.6	97.3%	$ 68.5	$ 67.2	98.1%	24.7	24.1	97.5%
Electrical app.	425.7	320.3	75.2	241.3	182.3	75.5	122.1	84.9	69.5	53.9	37.2	69.0
Pulp & paper	825.9	271.8	32.9	412.8	135.1	32.7	151.7	51.8	34.1	51.9	17.7	34.1
Slaught'g & meat pkg.	689.5	250.4	36.3	92.3	30.4	32.9	51.8	19.2	37.1	21.9	7.8	35.6
Non-ferrous metal	576.4	235.9	40.9	146.8	76.7	52.2	52.3	21.2	40.5	19.7	7.7	39.1
Primary iron & steel	282.2	214.4	76.0	125.3	92.6	73.9	77.4	53.7	69.4	29.4	19.4	66.0
Flour & feed mills	310.8	172.1	55.4	39.3	20.3	51.7	14.1	7.0	49.6	7.1	3.7	52.1
Rubber goods	194.1	158.4	81.6	107.0	86.6	80.9	48.3	37.1	76.8	21.7	15.7	72.4
Machinery	232.6	146.3	62.9	143.8	89.3	62.1	69.5	40.9	58.8	30.0	17.3	57.8
Petroleum prod.	394.9	141.3	35.8	63.1	27.2	43.1	22.1	10.1	45.7	8.5	3.9	45.9

References

Tables, p. 3	1938	"Canada Year Book, 1941", from tables, p. 308, 318,9.
	1947 & 1948	D.B.S., "Manufacturing Industries of Canada, by Provinces, 1948", from tables, p. 59.
Table, p. 5	1938	D.B.S., "Manufacturing Industries of the Province of Ontario, 1939", from table, p. 4, 5.
	1947 & 1948	D.B.S., "The Manufacturing Industries of Canada, by Provinces, 1948", from table, p. 60, 61.
Table, p. 7	1938	"Canada Year Book, 1941", from table, p. 356,7. (Net value of products, from Regional Statistical Officer, Dominion Bureau of Statistics, Toronto, 8 February, 1951).
	1947	D.B.S., "The Manufacturing Industries of Canada, 1947", from table, p. 93.
	1948	D.B.S., "The Manufacturing Industries of Canada, by Provinces, 1948", from table, p. 62,3.
Table, p. 9. Can.	1938	"Canada Year Book, 1941", from tables, p. 308, 318,9.
	1947 & 1948	D.B.S., "The Manufacturing Industries of Canada, by Provinces, 1948", from tables, p. 5, 6, 7.
Ont.		Sources as for Tables, p. 3.
Table, p. 11. Can.	1938	"Canada Year Book, 1941", from table, p. 310.
	1947 & 1948	D.B.S., "The Manufacturing Industries of Canada, by Provinces, 1948", from table, p. 8,9.
Ont.		Sources as for Table, p. 5.
Table, p. 13. Can	1938	"Canada Year Book, 1941", from table, p. 329.
	1947	"Canada Year Book, 1950", from table, p. 620.
	1948	D.B.S., "The Manufacturing Industries of Canada, by Provinces, 1948", from table, p. 12, 13.
Ont.		Sources as for Table, p. 7.